PTO/\$B/05 (08-03) Approved for use through 07/31/2006. CMB 0651-0032

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 4611-022 Attorney Docket No. UTILITY Dong-Chol SHIN et al. PATENT APPLICATION First Inventor TRANSMITTAL HORIZONTAL DEFLECTION. Title EV 272234535 US (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Mail Stop Patent Application APPLICATION ELEMENTS Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 CD-ROM or CD-R in duplicate, large table or 1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)
Applicant claims small entity status. Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 3. Specification [Total Pages\_ Computer Readable Form (CRF) (preferred arrangement set forth below) - Descriptive title of the invention Specification Sequence Listing on: - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or - Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Summary of the Invention
 Brief Description of the Drawings (if filed) c. Statements verifying identity of above copies - Detailed Description ACCOMPANYING APPLICATION PARTS - Claim(s) - Abstract of the Disclosure 9. 🖸 Assignment Papers (cover sheet & document(s)) 4. Drawing(s) (35 U.S.C. 113) [Total Sheets] 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 5. Oath or Declaration [Total Sheets English Translation Document (if applicable) a. Newly executed (original or copy) Copies of IDS Information Disclosure Statement (IDS)/PTO-1449 Citations b. Copy from a prior application (37 CFR 1.63(d)) Preliminary Amendment (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) 14. (Should be specifically itemized) **DELETION OF INVENTOR(S)** 15. 🗹 Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) (if foreign priority is claimed) name in the prior application, see 37 CFR Nonpublication Request under 35 U.S.C. 122 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 6. Application Data Sheet. See 37 CFR 1.76 17. 🗹 Other: Express Mail Certificate under 37 CFR 1.10 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) Continuation Divisional of prior application No.: ..... Examiner Art Unit: Prior application information: For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number: OR Correspondence address below 22440 Name

This collection of information is required by 37 CPR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Registration No. (Attorney/Agent)

Zip Code

Fax

09.10.00

29,876 Date

Address

Country

Signature

Name (Print/Type)

Tiberiu Weisz

City

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Telephone 212 684-3900

03

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CEE TO A NOMITTAL			Complete if Known					
FEE TRANSMITTAL		Application Number			r	To Be Assigned		
for FY 2003  Effective 01/01/2003. Patent fees are subject to annual revision.			Filing Date			Herewith		
			First Named Inventor			Dong-Chol SHIN et al.		
			Examiner Name			To Be Assigned		
Applicant claims small entity status. See 37 CFR 1.27			- Art Unit			To Be Assigned		
TOTAL AMOUNT OF PAYMENT (\$) 1,070.00	Attorney Docket No.				0.	4611-022		
METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)					
Check Credit card Money Other None		DDITIONAL FEES						
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Deposit Account 07-1730	Code	e (\$)	Code	(\$)		Fee Description	Fee Paid	
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The Director is authorized to: (check all that apply)	1053		1053			English specification		
Charge fee(s) indicated below Credit any overpayments	1804	2,520 920*	1812 2 1804	•		ing a request for ex parte reexamination esting publication of SIR prior to	$\Box$	
Charge any additional fee(s) during the pendency of this application	1004	920	1004			iner action	<del>  </del>	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805			esting publication of SIR after niner action		
FEE CALCULATION	1251	110	2251	55	Exter	nsion for reply within first month		
1. BASIC FILING FEE	1252	410	2252	205	Exte	nsion for reply within second month	<b>  </b>	
Large Entity Small Entity	1253	930	2253	465	Exte	nsion for reply within third month	<b> </b>	
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,450	2254	725	Exte	nsion for reply within fourth month	<b></b>	
1001 750 2001 375 Utility filing fee 750.00	1255	1,970	2255	985	Exte	nsion for reply within fifth month	<b></b>	
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notic	ce of Appeal	<b> </b>	
1003 520 2003 260 Plant filing fee	1402		2402		-	g a brief in support of an appeal	<b> </b>	
1004 750 2004 375 Reissue filing fee	1403		2403			est for oral hearing	<b></b>	
1005 160 2005 80 Provisional filing fee		1,510	Į			on to institute a public use proceeding	<b> </b>	
SUBTOTAL (1) (\$) 750.00	1452		2452			on to revive - unavoidable		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	ľ	1,300	2453			ion to revive - unintentional y issue fee (or reissue)		
Fee from Extra Claims below Fee Paid	1502	•	2502			gn issue fee		
Total Claims 12 -20** = 0 X 18.0 = 0.00	1503	630	2503			t issue fee		
Independent 2 - 3** = 0 x 84.0 = 0.00	1460	130	1460	130	Petit	ions to the Commissioner		
Multiple Dependent 280 = 280	1807	50	1807	50	Proc	essing fee under 37 CFR 1.17(q)		
Large Entity   Small Entity Fee Fee   Fee Fee   Fee Description	1806	180	1806			nission of Information Disclosure Stmt	<b>  </b>	
Code (\$)   Code (\$)	8021	40	8021	40	Reco	ording each patent assignment per erty (times number of properties)	40.00	
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing	g a submission after final rejection		
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid	1017	750	2940	275	•	CFR 1.129(a)) each additional invention to be	<b> </b>	
1204 84 2204 42 ** Reissue independent claims	1810	750	2810		exan	nined (37 CFR 1.129(b))	<b>  </b>	
over original patent	180		2801			quest for Continued Examination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	2 900	1802	900		quest for expedited examination design application		
SUBTOTAL (2) (\$) 280.00		Other fee (specify)						
**or number previously paid, if greater; For Reissues, see above	*Red	duced by	Basic F	Filing Fe	ee Pa	id SUBTOTAL (3) (\$) 40.0	0	

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29,876

SUBMITTED BY

Name (Print/Type)

Signature

Tiberiu Weisz

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Dong-Chol SHIN et al.

Serial No.

TBA

Examiner

TBA

Filed

Herewith

**Group Art Unit:** 

TBA

For

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## **EXPRESS MAIL CERTIFICATE UNDER 37 CFR §1.10**

Express Mail Label No.: EV 272234535 US

Date of Deposit: September 10, 2003

I hereby certify that he following attached paper(s) and/or fee

Utility Patent Application Transmittal 37 CFR 1.53(b) and a Fee Transmittal Form PTO/SB/17; New Utility Patent Application including twenty four (24) pages of description, three (3) pages of claims (1-10), one (1) page of Abstract, and eight (8) sheets of formal drawings (Figs. 1-11); Declaration/Power of Attorney (2 pages), duly executed; Assignment of the patent application (2 pages) along with the Recordation Cover Sheet; Claim for Priority along with Certified Priority document; Information Disclosure Statement/PTO-1449 along with cited references (1 item); Check for \$ 1,070.00 (filing fees); and Returned Receipt Postcard.

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and addressed to the "Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 2313".

Zoya V. Chernina

(Typed or printed name of person mailing paper(s) and/or fee)

(Signature of person mailing

paper(s) and/or fee)

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